



The Chemical Company

January 16, 2015

Via CDX

TSCA Confidential Business Information Center (7407M)

EPA East - Room 6428 Attn: Section 8(e)

U.S. Environmental Protection Agency

1201 Constitution Avenue, NW

Washington, DC 20004-3302

Subject: Notice in Accordance with TSCA Section 8(e): Results of a log Pow measurement of Phenol, 4-(1,1-dimethylethyl)-, polymer with ethyne (CAS No. 28514-92-3)

Dear Section 8(e) Coordinator:

BASF Corporation is submitting results of a log Pow measurement Phenol, 4-(1,1-dimethylethyl)-, polymer with ethyne (CAS No. 28514-92-3), conducted by BASF SE, Ludwigshafen, Germany.

The test was conducted according to the following test guideline: OECD Guideline for the Testing of Chemicals 107, Partition coefficient n-octanol/water.

Due to its composition, the test item is not suitable for determination of the partition coefficient n-octanol / water (P_{ow}) according to the shake flask method (OECD Guideline for the Testing of Chemicals 107) and according to the OECD Guideline for the Testing of Chemicals 117 (HPLC method) as well. Thus, the log P_{ow} can only be estimated from the single solubilities in n-octanol and in water (as mentioned in OECD 107).

Result:

The following log Pow value was obtained for environmentally relevant pH values:

log P_{ow} = 6.0, calculated from the single solubilities in n-octanol and in water

BASF Corporation understands that reporting of the results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note the technical contact and address below and direct all correspondence regarding this submission accordingly. If you have any questions, please call (248) 948-2051.

Sincerely,

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